

## GUIDELINE EXECUTION ENGINE (GLEE)

### ABSTRACT OF THE DISCLOSURE

[00257] The present invention provides computerized methods, systems, and computer-readable media for flexibly executing a guideline encoded in a format based on a guideline representation model. The method includes retrieving a trace record for an instance of the guideline being executed, and recommending to a user a guideline step for execution based on the execution history of the guideline instance. The trace record includes an execution history for the instance of the guideline being executed. Flexibility further provided therewith by allowing a user to override a recommended step, stop a step and start a step of a guideline.